

EXAMPLE SCENARIO 8

Option 1

TABLE 9.2.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
The Dean Company

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Child

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk					Non-Carcinogenic Hazard Quotient						
				Ingestion	Inhalation	Dermal	External (Radiation)	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total		
Soil	Soil	Soil at Site 1	4,4'-DDD	1E-07	--	3E-08	--	1E-07	--	--	--	--	--		
			4,4'-DDE	3E-06	--	6E-07	--	3E-06	--	--	--	--	--		
			4,4'-DDT	1E-05	--	2E-06	--	1E-05	Liver	0.7	--	0.2	0.9		
			Aluminum	--	--	--	--	--	Central Nervous System	0.1	--	0.009	0.1		
			Manganese	--	--	--	--	--	Central Nervous System	0.02	--	0.007	0.03		
			Thallium	--	--	--	--	--	--	--	--	--	--		
			Chemical Total	1E-05	--	3E-06	--	1E-05		0.8	--	0.2	1		
			Radionuclide Total												
			Exposure Point Total					1E-05					1		
Exposure Medium Total								1E-05					1		
Soil Total								1E-05					1		
Receptor Total								1E-05					1		

Total Risk Across All Media

1E-05

Total Hazard Across All Media

1